

BeoSound Essence Remote Key matrix

EZ2 Remote modes:	SOUND		SILENCE	
	Single press	Continuous	Single Press	Continuous
0 BT mode	0xCD (HID OSC PLAY/PAUSE)	Long Press enables pairing.	0xE2 (HID OOC MUTE)	
1 BeoSound mode (F20/F17)	F20:IRA_1:NET_0:AV_1:UNIT_0:MUSIC_ON		F17:IRA_1:NET_0:AV_1:MUTE	F0:ALL:STANDBY
2 Beo4 mode (F0)	F0:RADIO:RADIO	F0:RADIO:CD	F0:RADIO:STANDBY	F0:ALL:STANDBY
3 Light Mode	F0:LIGHT:FUNCTION_20	F0:LIGHT:FUNCTION_21	F0:LIGHT:FUNCTION_24	F0:LIGHT:FUNCTION_25
4 Beo4 mode (F0)	F0:RADIO:SELECT	F0:RADIO:CD	F0:RADIO:STANDBY	F0:ALL:STANDBY
5 BeoSound (2) mode (F20/F17)	F20:IRA_2:NET_0:AV_1:UNIT_0:MUSIC_ON		F17:IRA_2:NET_0:AV_1:MUTE	F0:ALL:STANDBY
6 BeoSound (3) mode (F20/F17)	F20:IRA_3:NET_0:AV_1:UNIT_0:MUSIC_ON		F17:IRA_3:NET_0:AV_1:MUTE	F0:ALL:STANDBY
7 BeoVision mode (F20/F17)	F20:IRA_1:NET_0:AV_0:UNIT_0:MUSIC_ON		F17:IRA_1:NET_0:AV_0:MUTE	F0:ALL:STANDBY

EZ2 Remote modes:	NEXT		PREVIOUS	
	Single Press	Continuous	Single Press	Continuous
0 BT mode	0xB5 (HID OSC SCAN NEXT TRACK)		0xB6 (HID OSC SCAN PREVIOUS TRACK)	
1 BeoSound mode (F20/F17)	F17:IRA_1:NET_0:AV_1:STEP_UP	F17:IRA_1:NET_0:AV_1:CONTINUE	F17:IRA_1:NET_0:AV_1:STEP_DW	F17:IRA_1:NET_0:AV_1:CONTINUE
2 Beo4 mode (F0)	F0:RADIO:STEP_UP	F0:RADIO:C_STEP_UP	F0:RADIO:STEP_DW	F0:RADIO:C_STEP_DW
3 Light Mode	F0:LIGHT:FUNCTION_22	F0:LIGHT:FUNCTION_23	F0:LIGHT:FUNCTION_26	F0:LIGHT:FUNCTION_27
4 Beo4 mode (F0)	F0:RADIO:STEP_UP	F0:RADIO:C_STEP_UP	F0:RADIO:STEP_DW	F0:RADIO:C_STEP_DW
5 BeoSound (2) mode (F20/F17)	F17:IRA_2:NET_0:AV_1:STEP_UP	F17:IRA_2:NET_0:AV_1:CONTINUE	F17:IRA_2:NET_0:AV_1:STEP_DW	F17:IRA_2:NET_0:AV_1:CONTINUE
6 BeoSound (3) mode (F20/F17)	F17:IRA_3:NET_0:AV_1:STEP_UP	F17:IRA_3:NET_0:AV_1:CONTINUE	F17:IRA_3:NET_0:AV_1:STEP_DW	F17:IRA_3:NET_0:AV_1:CONTINUE
7 BeoVision mode (F20/F17)	F17:IRA_1:NET_0:AV_0:STEP_UP	F17:IRA_1:NET_0:AV_0:CONTINUE	F17:IRA_1:NET_0:AV_0:STEP_DW	F17:IRA_1:NET_0:AV_0:CONTINUE

EZ2 Remote modes:	VOLUME WHEEL UP		VOLUME WHEEL DOWN	
	Single Press	Contineous	Single Press	Continuous
0 BT mode	0xE9 (HID RTC VOLUME UP)	0xE9 (HID RTC VOLUME UP)	0xEA (HID RTC VOLUME DOWN)	0xEA (HID RTC VOLUME DOWN)
1 BeoSound mode (F20/F17)	F17:IRA_1:NET_0:AV_1:ANALOG_UP_1	F17:IRA_1:NET_0:AV_1:ANALOG_UP_1	F17:IRA_1:NET_0:AV_1:ANALOG_DW_1	F17:IRA_1:NET_0:AV_1:ANALOG_DW_1
2 Beo4 mode (F0)	F0:RADIO:ANALOG_UP_1	F0:RADIO:ANALOG_UP_1	F0:RADIO:ANALOG_DW_1	F0:RADIO:ANALOG_DW_1
3 Light Mode	F0:LIGHT:STEP_UP	F0:LIGHT:C_STEP_UP	F0:LIGHT:STEP_DW	F0:LIGHT:C_STEP_DW
4 Beo4 mode (F0)	F0:RADIO:ANALOG_UP_1	F0:RADIO:ANALOG_UP_1	F0:RADIO:ANALOG_DW_1	F0:RADIO:ANALOG_DW_1
5 BeoSound (2) mode (F20/F17)	F17:IRA_2:NET_0:AV_1:ANALOG_UP_1	F17:IRA_2:NET_0:AV_1:ANALOG_UP_1	F17:IRA_2:NET_0:AV_1:ANALOG_DW_1	F17:IRA_2:NET_0:AV_1:ANALOG_DW_1
6 BeoSound (3) mode (F20/F17)	F17:IRA_3:NET_0:AV_1:ANALOG_UP_1	F17:IRA_3:NET_0:AV_1:ANALOG_UP_1	F17:IRA_3:NET_0:AV_1:ANALOG_DW_1	F17:IRA_3:NET_0:AV_1:ANALOG_DW_1
7 BeoVision mode (F20/F17)	F17:IRA_1:NET_0:AV_0:ANALOG_UP_1	F17:IRA_1:NET_0:AV_0:ANALOG_UP_1	F17:IRA_1:NET_0:AV_0:ANALOG_DW_1	F17:IRA_1:NET_0:AV_0:ANALOG_DW_1

HID Usage	
	All HID Commands are Consumer HID Commands
OSC	One Shot Command
OOC	On/Off Control
RTC	Re-Trigger Control